

IN THE CLAIMS

The following claim listing replaces all prior listings and versions of the claims:

LISTING OF CLAIMS

1. (Currently amended) A computer readable medium storing a computer program that provides a computer-based video recording and management system for medical procedures, the medium comprising:

~~a source~~ an inserting code segment that inserts at least one time-mark into video footage upon receiving input from a user, the at least one time-mark capable of being inserted into the video footage real-time during a medical procedure while the video footage is being recorded and post procedure ~~during review~~; ~~[[and]]~~

~~a source~~ an associating code segment that associates an index with the at least one time-mark, data capable of being input into the index real-time during a medical procedure and post-procedure ~~during review~~; and

an extracting code segment that extracts at least one portion of the video starting at a predetermined period of time before the at least one time-mark and ending at a predetermined period of time after the at least one time-mark.

2. (Original) The medium according to claim 1, wherein the index comprises data for at least one of a patient's name, medical finding, finding location, and free text.

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3. (Original) The medium according to claim 2, wherein the data is transmitted from at least one of a medical instrument, microphone, footpedal/switch, mouse and computer keyboard operated by a user of the system.

Claim 4. (Canceled)

5. (Currently amended) The medium according to claim [[4]] 1, wherein the at least one portion of video ~~footage~~ is concatenated with at least another portion of video ~~footage~~ into a shortened summary video clip.

6. (Currently amended) A computer readable medium storing a computer program that enables recording and time-marking of significant events during a medical procedure in video ~~footage~~, indexing patient data with the video ~~footage~~, and then editing and accessing the video ~~footage~~ with patient data and diagnostic information from a database ~~in an efficient and expedient manner~~, the medium comprising:

~~a source~~ an inserting code segment that inserts at least one time-mark into the video ~~footage~~, the at least one time-mark capable of being inserted into the video real-time during the medical procedure while the video is being recorded and post procedure;

~~a source~~ an associating code segment that associates an index with the at least one time-mark;

a source an extracting code segment that extracts at least one portion of the video footage at the at least one time-mark, wherein the at least one portion begins before the at least one time-mark and ends after the at least one time-mark;

a source concatenating code segment that concatenates the extracted at least one portion of video footage together with at least another portion of video footage into a shortened summary video clip; and

a source storing code segment that stores, both the video footage and shortened summary video clip with associated indices, into a searchable database.

7. (Currently amended) The medium according to claim 6, further comprising a source an updating code segment that maintains and updates at least one patient's medical record with at least one of data from the index, video footage, and still pictures images from the medical procedure.

8. (Original) The computer readable medium according to claim 6, wherein the index comprises data fields for at least one of a name, medical finding, finding location, and free text.

9. (Currently amended) The computer readable medium according to claim 8, wherein data for the index is capable of being input real-time during ~~the~~ [[a]] the medical procedure and post-procedure ~~during review~~.

10. (Currently amended) The computer readable medium according to claim 6, wherein the time-mark is inserted according to a user input ~~device~~.

Claim 11. (Canceled)

12. (Currently amended) The computer readable medium according to claim 6, further comprising a source notifying code segment that notifies whether the insertion of the at least one time-mark was successful or failed, by displaying a message on a monitor.

13. (Currently amended) The computer readable medium according to claim 6, further comprising a source player providing code segment that provides a specialty video player

14. (Original) The computer readable medium according to claim 13, wherein the specialty video player includes a playback speed control which provides for playback speeds ranging from a reduced speed to an accelerated speed as compared to a normal speed.

15. (Currently amended) The computer readable medium according to claim 13, further comprising ~~a source~~ an enabling code segment that enables jumping backward to a previous time-mark or jumping forward to a next time-mark.

16. (Currently amended) The computer readable medium according to claim 13, further comprising a source still image capturing code segment that provides a capture still image feature which stores a still picture image within at least one patient's medical record.

17. (Currently amended) The computer readable medium according to claim 13, further comprising a source marker code segment that provides a create marker and delete marker feature which allows for the creation and deletion of the at least one time-marker within the video footage.

18. (Currently amended) The computer readable medium according to claim 6, further comprising a source voice data entry code segment which provides a voice activated data entry system allowing data to be entered via voice.

19. (Currently amended) A computer-based video recording and management system, used in conjunction with medical diagnostic equipment, which allows recording and time-marking of significant events during a medical procedure on video footage, indexing patient data with the video footage, and then editing or accessing the video footage with patient data from a database ~~in an efficient manner~~, the system comprising:

at least one input device that inserts at least one time-mark into the video footage, the at least one time-mark capable of being inserted into the video real-time during the medical procedure while the video is being recorded and post procedure; and

at least one workstation that associates an index with each time-mark, extracts at least a portion of the video footage at the at least one time-mark beginning before and ending after the at least one time-mark, concatenates the at least one portion of the video footage with at least another portion of video footage into a shortened summary video clip, and stores both the video footage and summary video clip into a searchable database.

20. (Original) The system according to claim 19, in which the at least one input device comprises a medical instrument having a video source, the video source being connected to the at least one workstation.

21. (Original) The system according to claim 19, wherein the at least one workstation maintains at least one patient's medical record.

22. (Original) The system according to claim 19, wherein the index comprises data fields for at least one of a name, medical finding, finding location, and free text.

23. (Currently amended) The system according to claim 22, wherein data for the index is capable of being input real-time during a medical procedure and post-procedure during [[a]] review period.

24. (Original) The system according to claim 19, wherein the at least one workstation is connected to a network.

25. (Original) The system according to claim 24, wherein the at least one workstation is connected to the network via an Internet connection.

26. (Original) The system according to claim 24, further comprising at least one file server having a video storage array connected to the network which stores at least one patient's medical record.

27. (Original) The system according to claim 20, wherein the medical instrument comprises an endoscope.

28. (Original) The system according to claim 20, wherein the medical instrument comprises one of an ultrasound device, flouroscopy device, x-ray device and surgical camera.

29. (Original) The system according to claim 19, wherein the input device comprises a foot pedal/switch, microphone, mouse, and computer keyboard.

30. (Currently amended) The system according to claim 19, wherein when the input device is activated, the system encapsulates data with the video footage for indexing purposes.

31. (Original) The system according to claim 24, wherein the network comprises a peer-to-peer network.

32. (Original) The system according to claim 26, wherein the database is located in one of the at least one workstation and the at least one file server.